

Power Cost Memorandum Fuel Cost Update and Purchased Power Update

Date: April 1, 2021

Utility Name (Cert. No.) CITY OF ST. PAUL (339)	Utility File No. PC19-0320B	Date Filed: February 25, 2021	March 8, 2021 and
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PCE AMOUNT SUMMARY	Previously Approved PC19-0320A	Staff Recommended Amount(s) and Effective Date PC19-0320B
Class Rate	<u>Date Approved:</u> March 5, 2021	April 2, 2021
Residential	\$0.2037	\$0.2037
Community Facility	\$0.2737	\$0.2737
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent

Prior Fuel Purchase Price: \$ 3.4000	New Fuel Purchase Price: \$ 3.4000
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____ Updated _____

Signed: _____

Brenda Cox

Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 4/1/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Kuber		<i>KKT</i>		
Scott		<i>AGS</i>		
Sullivan		<i>DS</i>		
Wilson		<i>JWW</i>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CITY OF ST. PAUL

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
BASED ON TEST YEAR ENDING DECEMBER 31, 2014
Fuel Cost Update and Purchase Power Update

	PC19-0320A	PC19-0320B
	Prior Commission Approval	Utility Request Staff Recommended
A. Total kWh Generated	3,323,897	3,323,897
B. Total kWh Sold (Appendix 2)	2,811,112	2,811,112
C. Total Non-Fuel Costs (Appendix 2)	778,595	778,595
D. Non-Fuel Cost/kWh (C / B)	\$0.2770	\$0.2770
E. Total Fuel and Purchased Power Costs (Appendix 2)	779,801	778,839
F. Fuel and Purchased Power Costs/kWh (E/B)	\$0.2774	\$0.2771
G. Eligible Costs/kWh (D + F)	\$0.5544	\$0.5541
H. Eligible Cost/kWh (G) less base rate in effect	\$0.3481	\$0.3478
I. Lesser of (H) or 79.37 cents/kWh	\$0.3481	\$0.3478
J. Average Class Rates (Appendix 3)		
Residential	\$0.2037	\$0.2037
Community Facility	\$0.2737	\$0.2737
Lesser of: (I) x 95% or (J)		
K. Residential	\$0.2037	\$0.2037
Community Facility	\$0.2737	\$0.2737
Funding Level in Effect	100%	100%
L. Residential	\$0.2037	\$0.2037
Community Facility	\$0.2737	\$0.2737

PC19-0320B
Appendix 1

CITY OF ST. PAUL

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY BASED ON TEST YEAR ENDING DECEMBER 31, 2014 Fuel Cost Update and Purchase Power Update

		PC19-0320A	PC19-0320B	
		Prior Commission Approval	Utility Request	Per Staff
Non-Fuel Costs:				
A.	Personnel Costs	206,985	206,985	206,985
B.	Operating Expense	77,470	77,470	77,470
C.	General & Administrative	182,937	182,937	182,937
D.	Depreciation	145,267	145,267	145,267
E.	Interest Expense	1,184	1,184	1,184
F.	Other (Describe)			
	Fin.Dept. 10% Allocation			
	Admin. Allocation Exp.	164,752	164,752	164,752
	Munic. Serv. 7% Allocation			
	Less Misc. Revenue	0	0	0
G.	Total Non-Fuel Costs	\$778,595	\$778,595	\$778,595
Fuel Costs:				
H.	Gallons Consumed for Electric Generation	223,818	223,818	223,818
I.	Most Recent Price ⁽¹⁾	\$3.4000	\$3.4000	\$3.4000
		2/28/2021		
J.	Total Fuel Costs	\$760,981	\$760,981	\$760,981
K.	kWh Purchased during test year	152,635	152,635	152,635
L.	Cost per kWh	\$0.1233	\$0.1170	\$0.1170
M.	Total Purchased Power	\$18,820	\$17,858	\$17,858
N.	Total Cost of Fuel and Purchased Power	\$779,801	\$778,839	\$778,839
O.	kWh Generated	3,171,262	3,171,262	3,171,262
	kWh Purchased	152,635	152,635	152,635
	Total Generated and Purchased	3,323,897	3,323,897	3,323,897
P.	kWh Sales	2,811,112	2,811,112	2,811,112
Q.	kWh Station Service	186,983	186,983	186,983
R.	Efficiency (O/H)	≥	14.17	14.17
		Standard		
		12.50		
S.	Line Loss	≤	9.80%	9.80%
		12%		
(KWh Generated -(kWh sold+Station Service))/kWh Generated				

⁽¹⁾ Note: Utility is allowed 30 cents/gallon markup for storage and delivery above the City's invoiced price.

PC19-0320B
Appendix 2

UTILITY NAME: **ST. PAUL MUNICIPAL ELECTRIC UTILITY**
CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: Residential

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to 500	0.4100		0.4100	205.0000		
to						
to						
to						
Max 500			Total	205.0000	0.4100	0.2037

Rate Schedule: Community Facilities

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to 500	0.4800		0.4800	240.0000		
to						
to						
to						
Max 500			Total	240.0000	0.4800	0.2737

Power Purchased from
 Tanadgusix Corporation
 3601 C Street, Suite 1000-10
 Anchorage, AK 99503

Date	kWh Purchased	Energy Charge	RCC	City Consumed	Total Bill
3/30/20	40,428	5,862.06	23.97	-175.23	5,710.80
3/30/20	26,977	3,911.67	16.00	-315.06	3,612.61
4/30/20	15,444	2,239.38	9.16	-389.40	1,859.14
5/31/20	5,758	834.91	3.41	-610.65	227.67
7/1/20	5,456	791.12	3.24	-567.58	226.78
8/31/20	1,538	223.10	0.91	-506.81	-282.80
9/30/20	2,998	434.71	1.78	-552.83	-116.34
10/31/20	7,220	1,046.90	4.28	-562.27	488.91
11/30/20	25,398	3,682.71	15.06	-392.35	3,305.42
12/31/20	17,240	2,499.80	10.22	-373.47	2,136.55
1/31/21	27,543	3,993.74	16.33	-293.23	3,716.84
2/28/21	0	0.00	0.00	-300.31	-300.31
Total	176,000	25,520.10	104.36	-5,039.19	20,585.27

Total kWhs purchased	176,000
Total paid	20,585.27
Cost per kWh	<u>0.1170</u>

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PC19-0320B
 Schedule BKC-1